

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	988	(250/573).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/22 08:25
L2	1161	(250/574).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/22 08:25
L3	1109	L2 not L1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/22 08:25
L4	23	L3 and alarm with count\$2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/22 08:35
L9	569	("250".clas. "356".clas. "73".clas.) and (difference change) adj5 (exceed greater larger) adj3 (threshold predetermined adj value) same as count\$2 same (difference change) adj5 (less "not exceed") adj3 (threshold predetermined adj value) and (measur\$5) and alarm	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/22 08:43
L10	541	("250".clas. "356".clas. "73".clas.) and (difference change) adj5 (exceed greater larger) adj3 (threshold predetermined adj value) same as count\$2 and count\$2 same (difference change) adj5 ("less than" "not exceed") adj3 (threshold predetermined adj value) and (measur\$5) and alarm	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/22 08:45

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L11	0	("250".clas. "356".clas. "73".clas.) and (difference change) adj5 (exceed greater larger) adj3 (threshold predetermined adj value) same count\$2 and count\$2 same (difference change) adj5 ("less than" "not exceed") adj3 (threshold predetermined adj value) and (measur\$5) and alarm	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/22 08:46
L12	0	(difference change) adj5 (exceed greater larger) adj3 (threshold predetermined adj value) same count\$2 and count\$2 same (difference change) adj5 ("less than" "not exceed") adj3 (threshold predetermined adj value) and (measur\$5) and alarm	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/22 08:46
L14	0	(difference change) with (exceed greater larger) with ("250".clas. "356".clas. "73".clas.) and (threshold predetermined adj value) same count\$2 and count\$2 same (difference change) with (less "not exceed") with (threshold predetermined adj value)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/22 08:47
L15	38	("250".clas. "356".clas. "73".clas.) and (difference change) with (exceed greater larger) with (threshold predetermined adj value) same count\$2 and count\$2 same (difference change) with (less "not exceed") with (threshold predetermined adj value)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/22 09:35
L16	5	("4989146" "5590040" "5706782" "6134488").PN. OR ("6556900").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/02/22 08:54
L17	15	("3603799" "3703130" "3748979" "3800305" "3824608" "3827065").PN. OR ("3899788").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/02/22 09:30
L18	425	(difference change) with (exceed greater larger) with (threshold predetermined adj value) same count\$2 and count\$2 same (difference change) with (less "not exceed") with (threshold predetermined adj value)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/22 09:36

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L19	57	(difference change) with (exceed greater larger) with (threshold predetermined adj value) same count\$2 and count\$2 with (down decrement\$6 decreas\$3 subtract) same (difference change) with (less "not exceed") with (threshold predetermined adj value)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/22 09:37
L20	64	(difference change) with (exceed greater larger) with (threshold predetermined adj value) same count\$2 and count\$2 with (down decrement\$6 decreas\$3 subtract opposite) same (difference change) with (less "not exceed") with (threshold predetermined adj value)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/22 09:37
L21	61	(difference change) with (exceed greater larger) with (threshold predetermined adj value) same count\$2 and count\$2 with (down decrement\$6 decreas\$3 subtract opposite) same (difference change) with (less "not exceed") with (threshold predetermined adj value) not 15	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/22 09:37

EAST Search History

L22	92	(US-20050127271-\$ or US-20040195531-\$ or US-20040000653-\$ or US-20030222232-\$ or US-20030178589-\$ or US-20030141468-\$ or US-20030107012-\$ or US-20020190231-\$ or US-20030001121-\$ or US-20020158215-\$ or US-20020148986-\$ or US-20020036276-\$ or US-20030127609-\$ or US-20030195682-\$).did. or (US-6969865-\$ or US-6972424-\$ or US-6940083-\$ or US-6876305-\$ or US-6828913-\$ or US-6822216-\$ or US-6785035-\$ or US-6750468-\$ or US-6806455-\$ or US-6750467-\$ or US-6741345-\$ or US-6686992-\$ or US-6680777-\$ or US-6628396-\$ or US-6653942-\$ or US-6552355-\$ or US-6531708-\$ or US-6529751-\$ or US-6509558-\$ or US-6484564-\$ or US-6525334-\$ or US-RE37926-\$ or US-6476910-\$ or US-6410932-\$ or US-6369378-\$ or US-6225910-\$). did. or (US-5963225-\$ or US-6043504-\$ or US-5883378-\$ or US-5939727-\$ or US-5680111-\$ or US-5672887-\$ or US-5559339-\$ or US-5539386-\$ or US-5357117-\$ or US-5354999-\$ or US-5206519-\$ or US-5170060-\$ or US-4943735-\$ or US-5141309-\$ or US-4884065-\$ or US-5068542-\$ or US-4854158-\$ or US-4834533-\$ or US-4749871-\$ or US-4931774-\$ or US-4740709-\$ or US-4675661-\$ or US-4816695-\$ or US-4203100-\$ or US-6377341-\$ or US-6362887-\$ or US-5331177-\$). did. or (US-4659218-\$ or US-4986659-\$ or US-4830494-\$ or US-5508521-\$ or US-5673027-\$ or US-5477218-\$ or US-4506161-\$ or US-4259592-\$ or US-4206456-\$ or US-3914616-\$ or US-5969622-\$ or US-4260984-\$ or US-6556900-\$ or US-6281679-\$ or US-5721427-\$ or US-3973725-\$ or US-3899788-\$ or US-4061431-\$ or US-6076504-\$ or US-5649012-\$ or US-5477408-\$ or US-4885676-\$ or US-4387722-\$). did. or (WO-9848867-\$).did. or (JP-01096539-\$).did.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/02/22 10:26
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EAST Search History

L23	41	22 and bubble	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/22 10:32
L24	5	22 and bubble and successive	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/22 10:27
L25	12	22 and bubble and alarm	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/22 10:34
L26	40	22 and bubble and (change difference variation compar\$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/22 10:35
L27	19	22 and bubble and (change difference variation compar\$5) with (threshold predetermined adj value reference)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/22 10:44
L28	0	22 and bubble and (successive) with (threshold predetermined adj value reference)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/22 10:44
L29	2	("6653942").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/22 10:45
L32	4	22 and successive near2 measurement	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/22 11:18

EAST Search History

L33	18	22 and (change difference) with intensity	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/22 11:22
L34	8	22 and (change difference) with (successive consecutive)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/22 11:24
L35	7	22 and (variation compar\$5) with (successive consecutive)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/22 11:25
L36	53	250/573,574.ccls. and (change difference variation compar\$5) with (successive consecutive)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/22 11:40
L37	263	("356".clas. "73".clas.) and (bubble smoke particle fluid) and (change difference variation compar\$5) with (successive consecutive) and (change difference variation) with (threshold predetermined adj value)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/22 12:38
L38	33	("356".clas. "73".clas.) and (bubble) and (change difference variation compar\$5) with (successive consecutive) and (change difference variation) with (threshold predetermined adj value)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/22 12:38

EAST Search History

L39	106	(US-20050127271-\$ or US-20040195531-\$ or US-20040000653-\$ or US-20030222232-\$ or US-20030178589-\$ or US-20030141468-\$ or US-20030107012-\$ or US-20020190231-\$ or US-20030001121-\$ or US-20020158215-\$ or US-20020148986-\$ or US-20020036276-\$ or US-20030127609-\$ or US-20030195682-\$ or US-20040252292-\$ or US-20030136183-\$ or US-20020137052-\$).did. or (US-6969865-\$ or US-6972424-\$ or US-6940083-\$ or US-6876305-\$ or US-6828913-\$ or US-6822216-\$ or US-6785035-\$ or US-6750468-\$ or US-6806455-\$ or US-6750467-\$ or US-6741345-\$ or US-6686992-\$ or US-6680777-\$ or US-6628396-\$ or US-6653942-\$ or US-6552355-\$ or US-6531708-\$ or US-6529751-\$ or US-6509558-\$ or US-6484564-\$ or US-6525334-\$ or US-RE37926-\$ or US-6476910-\$ or US-6410932-\$ or US-6369378-\$ or US-6225910-\$). did. or (US-5963225-\$ or US-6043504-\$ or US-5883378-\$ or US-5939727-\$ or US-5680111-\$ or US-5672887-\$ or US-5559339-\$ or US-5539386-\$ or US-5357117-\$ or US-5354999-\$ or US-5206519-\$ or US-5170060-\$ or US-4943735-\$ or US-5141309-\$ or US-4884065-\$ or US-5068542-\$ or US-4854158-\$ or US-4834533-\$ or US-4749871-\$ or US-4931774-\$ or US-4740709-\$ or US-4675661-\$ or US-4816695-\$ or US-4203100-\$ or US-6377341-\$ or US-6362887-\$ or US-5331177-\$). did. or (US-4659218-\$ or US-4986659-\$ or US-4830494-\$ or US-5508521-\$ or US-5673027-\$ or US-5477218-\$ or US-4506161-\$ or US-4259592-\$ or US-4206456-\$ or US-3914616-\$ or US-5969622-\$ or US-4260984-\$ or US-6556900-\$ or US-6281679-\$ or US-5721427-\$ or US-3973725-\$ or US-3899788-\$ or US-4061431-\$ or US-6076504-\$ or US-5649012-\$ or US-5477408-\$ or US-4885676-\$ or US-4387722-\$ or US-6320176-\$ or US-6281517-\$ or US-6144022-\$ or US-6118383-\$). did. or (US-5798701-\$ or	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/02/22 13:59
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2/22/2006 3:47:35 PM

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EAST Search History

L40	16	39 and time with alarm	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/22 14:04
L41	0	39 and time near delay with alarm	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/22 14:04
L42	4	39 and delay with alarm	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/22 14:14
L43	38	39 and average	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/22 14:53
L44	2	("5680108").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/22 14:18
L45	14	39 and average with (change difference variation)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/22 14:53
S1	988	(250/573).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/21 15:39
S2	0	((("US6362887") or ("US4659218") or ("FR2042113") or ("US5331177") or ("US4830494") or ("WO9848867") or ("US4986659") or ("US6377341") or ("JP3090835"))).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/21 14:07

EAST Search History

S3	25	(("6362887") or ("4659218") or ("2042113") or ("5331177") or ("4830494") or ("9848867") or ("4986659") or ("6377341") or ("3090835")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/21 14:09
S4	0	jp3090835	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/21 14:09
S5	9	"3090835"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/21 14:09
S6	116	S1 and bubble	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/21 14:45
S7	2	S1 and successive with threshold	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/21 15:40
S8	58	S1 and compar\$5 with threshold	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/21 15:43
S9	34	S1 and (change difference) with threshold	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/21 15:46
S10	202	S1 and (change difference comparison compare\$1) with (predetermined reference)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/21 15:13

EAST Search History

S11	155	S1 and (change difference comparison compare\$1) with (predetermined reference) not S8 not S9	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/21 15:36
S12	9	S1 and (variation) with threshold	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/21 15:14
S13	28	S1 and (change difference comparison compare\$1) with (predetermined reference) near value not S8 not S9	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/21 16:13
S14	22	S1 and threshold with count\$2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/21 16:22
S15	9	S1 and alarm with count\$2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/22 08:25
S16	1	S1 and decrementation	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/21 15:35
S17	14	S1 and (successive) with (predetermined reference)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/21 15:36
S18	1161	(250/574).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/21 15:39

EAST Search History

S19	1109	S18 not S1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/21 15:39
S20	5	S19 and successive with threshold	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/21 15:40
S21	80	S19 and compar\$5 with threshold	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/21 15:43
S22	53	S19 and (change difference variation) with threshold	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/21 15:46
S23	13	("4315159" "4591710" "4723319" "4849340" "5110727" "5117099" "5177565" "5406082").PN. OR ("5508521").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/02/21 15:53
S24	43	S19 and (change difference comparison compare\$1) with (predetermined reference) near value	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/21 16:13
S25	38	S19 and threshold with count\$2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/21 16:22